

Hierarchical Scheduling for Communications Systems

ABSTRACT OF THE DISCLOSURE

System and method for scheduling messages in a digital communications system with reduced system resource requirements. A preferred embodiment comprises a plurality of traffic queues (such as traffic queue 410) used to enqueue message of differing traffic types and a first scheduler (such as priority scheduler 430). The first scheduler to select messages from the traffic queues and provide them to a plurality of priority queues (such as priority queue 455) used to enqueue messages of differing priorities. A second scheduler (such as priority scheduler 475) then selects messages for transmission based on message priority, transmission opportunity, and time to transmit.